

H0943

0054353

Recra LabNet - Lionville Laboratory  
INORGANIC ANALYTICAL DATA PACKAGE FOR  
TNUHANFORD B99-042 H0943

DATE RECEIVED: 10/31/00

RFW LOT # :0010L089

| CLIENT ID /ANALYSIS | RFW # | MTX | PREP # | COLLECTION | EXTR/PREP | ANALYSIS |
|---------------------|-------|-----|--------|------------|-----------|----------|
|---------------------|-------|-----|--------|------------|-----------|----------|

## BOYWX1

|                |         |   |         |          |          |          |
|----------------|---------|---|---------|----------|----------|----------|
| ARSENIC, TOTAL | 001     | S | 99L1711 | 08/01/00 | 11/13/00 | 11/13/00 |
| ARSENIC, TOTAL | 001 REP | S | 99L1711 | 08/01/00 | 11/13/00 | 11/13/00 |
| ARSENIC, TOTAL | 001 MS  | S | 99L1711 | 08/01/00 | 11/13/00 | 11/13/00 |

## BOYWX2

|                |     |   |         |          |          |          |
|----------------|-----|---|---------|----------|----------|----------|
| ARSENIC, TOTAL | 002 | S | 99L1711 | 08/01/00 | 11/13/00 | 11/13/00 |
|----------------|-----|---|---------|----------|----------|----------|

## BOYWW8

|                |     |   |         |          |          |          |
|----------------|-----|---|---------|----------|----------|----------|
| ARSENIC, TOTAL | 003 | S | 99L1711 | 08/01/00 | 11/13/00 | 11/13/00 |
|----------------|-----|---|---------|----------|----------|----------|

## BOYWW9

|                |     |   |         |          |          |          |
|----------------|-----|---|---------|----------|----------|----------|
| ARSENIC, TOTAL | 004 | S | 99L1711 | 08/01/00 | 11/13/00 | 11/13/00 |
|----------------|-----|---|---------|----------|----------|----------|

## BOYWX0

|                |     |   |         |          |          |          |
|----------------|-----|---|---------|----------|----------|----------|
| ARSENIC, TOTAL | 005 | S | 99L1711 | 08/01/00 | 11/13/00 | 11/13/00 |
|----------------|-----|---|---------|----------|----------|----------|

LAB QC:

|                    |        |   |         |     |          |          |
|--------------------|--------|---|---------|-----|----------|----------|
| ARSENIC LABORATORY | LC1 BS | S | 99L1711 | N/A | 11/13/00 | 11/13/00 |
| ARSENIC, TOTAL     | MB1    | S | 99L1711 | N/A | 11/13/00 | 11/13/00 |

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001

**Recra LabNet Philadelphia  
Analytical Report**

**Client:** TNU-HANFORD B99-042  
**RFW#:** 0010L089  
**SDG/SAF#:** H0943/B99-042

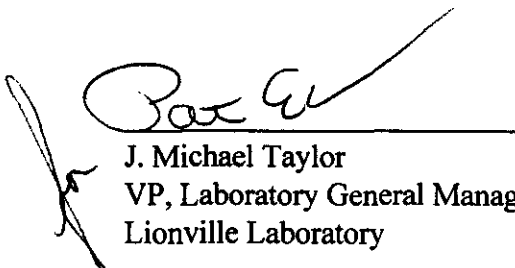
**W.O.#:** 10985-001-001-9999-00  
**Date Received:** 10-31-00

**METALS CASE NARRATIVE**

1. This narrative covers the analyses of 5 soil samples.
2. The samples were prepared and analyzed in accordance with methods checked on the attached glossary. The samples are a re-log of 0008L080.
3. All analyses were performed within the required holding times.
4. The cooler temperature has been recorded on the original Chain of Custody.
5. All Initial and Continuing Calibration Verifications (ICV/CCVs) were within the 90-110% control limits (80-120% for Mercury).
6. All Initial and Continuing Calibration Blanks (ICB/CCBs) were within control limits (less than the PQL).
7. The preparation/method blank (MB) was within method criteria {less than the Practical Quantitation Limit (3X the IDL), MB value less than 5% of the RCRA limit, or samples greater than 20X MB value}. Refer to the Inorganics Method Blank Data Summary.
8. All ICP Interference Check Standards were within control limits.
9. The laboratory control sample (LCS) was within the 80-120% control limits. Refer to form 7.
10. The matrix spike (MS) recovery was within the 75-125% control limits. Refer to the Inorganics Accuracy Report.
11. The duplicate analysis was within the 20% Relative Percent Difference (RPD) control limits. Refer to the Inorganics Precision Report.

The results presented in this report relate only to the analytical testing and conditions of the samples at receipt and during storage. All pages of this report are integral parts of the analytical data. Therefore, this report should only be reproduced in its entirety of 12 pages.

12. For the purposes of this report, the data has been reported to the Instrument Detection Limit (IDL). Values between the IDL and the Practical Quantitation Limit (PQL) are acquired in a region of less-certain quantification.
13. I certify that this sample data package is in compliance with SOW requirements, both technically and for completeness, other than the conditions detailed above. Release of the data contained in this hard-copy data package has been authorized by the Laboratory Manager or a designee, as verified by the following signature.

  
\_\_\_\_\_  
J. Michael Taylor  
VP, Laboratory General Manager  
Lionville Laboratory  
gmb/m10-089

12-6-00  
\_\_\_\_\_  
Date



# METALS METHOD GLOSSARY

The following methods are used as reference for the digestion and analysis of samples contained within this

Recra Lot#: 0010089

Leaching Procedure: 1310 1311 1312 Other: \_\_\_\_\_

CLP Metals    Digestion and    Analysis Methods:   ILM03.0   ILM04.0

Metals Digestion Methods:   3005A   3010A   3015   3020A   3050B   3051   200.7   SS17  
  Other: \_\_\_\_\_

## Metals Analysis Methods

|             | SW846   | EPA   | STD MTD         | EPA<br>OSWR    | USATHAMA       |
|-------------|---|---|-----------------|----------------|----------------|
| Aluminum    | <u>  </u> 6010B   | <u>  </u> 200.7   |                 |                | <u>  </u> 99   |
| Antimony    | <u>  </u> 6010B <u>  </u> 7041 <sup>5</sup>               | <u>  </u> 200.7 <u>  </u> 204.2                           |                 |                | <u>  </u> 99   |
| Arsenic     | <u>  </u> 6010B <u>  </u> 7060A <sup>5</sup>              | <u>  </u> 200.7 <u>  </u> 206.2                           | <u>  </u> 3113B |                | <u>  </u> 99   |
| Barium      | <u>  </u> 6010B   | <u>  </u> 200.7   |                 |                | <u>  </u> 99   |
| Beryllium   | <u>  </u> 6010B   | <u>  </u> 200.7   |                 |                | <u>  </u> 99   |
| Bismuth     | <u>  </u> 6010B <sup>1</sup>                              | <u>  </u> 200.7 <sup>1</sup>                              |                 | <u>  </u> 1620 | <u>  </u> 99   |
| Boron       | <u>  </u> 6010B   | <u>  </u> 200.7   |                 |                | <u>  </u> 99   |
| Cadmium     | <u>  </u> 6010B <u>  </u> 7131A <sup>5</sup>              | <u>  </u> 200.7 <u>  </u> 213.2                           |                 |                | <u>  </u> 99   |
| Calcium     | <u>  </u> 6010B   | <u>  </u> 200.7   |                 |                | <u>  </u> 99   |
| Chromium    | <u>  </u> 6010B <u>  </u> 7191 <sup>5</sup>               | <u>  </u> 200.7 <u>  </u> 218.2                           |                 |                | <u>  </u> SS17 |
| Cobalt      | <u>  </u> 6010B   | <u>  </u> 200.7   |                 |                | <u>  </u> 99   |
| Copper      | <u>  </u> 6010B <u>  </u> 7211 <sup>5</sup>               | <u>  </u> 200.7 <u>  </u> 220.2                           |                 |                | <u>  </u> 99   |
| Iron        | <u>  </u> 6010B   | <u>  </u> 200.7   |                 |                | <u>  </u> 99   |
| Lead        | <u>  </u> 6010B <u>  </u> 7421 <sup>5</sup>               | <u>  </u> 200.7 <u>  </u> 239.2                           | <u>  </u> 3113B |                | <u>  </u> 99   |
| Lithium     | <u>  </u> 6010B <u>  </u> 7430 <sup>4</sup>               | <u>  </u> 200.7   |                 | <u>  </u> 1620 | <u>  </u> 99   |
| Magnesium   | <u>  </u> 6010B   | <u>  </u> 200.7   |                 |                | <u>  </u> 99   |
| Manganese   | <u>  </u> 6010B   | <u>  </u> 200.7   |                 |                | <u>  </u> 99   |
| Mercury     | <u>  </u> 7470A <sup>3</sup> <u>  </u> 7471A <sup>3</sup> | <u>  </u> 245.1 <sup>2</sup> <u>  </u> 245.5 <sup>2</sup> |                 |                | <u>  </u> 99   |
| Molybdenum  | <u>  </u> 6010B   | <u>  </u> 200.7   |                 |                | <u>  </u> 99   |
| Nickel      | <u>  </u> 6010B   | <u>  </u> 200.7   |                 |                | <u>  </u> 99   |
| Potassium   | <u>  </u> 6010B <u>  </u> 7610 <sup>4</sup>               | <u>  </u> 200.7 <u>  </u> 258.1 <sup>4</sup>              |                 |                | <u>  </u> 99   |
| Rare Earths | <u>  </u> 6010B <sup>1</sup>                              | <u>  </u> 200.7 <sup>1</sup>                              |                 | <u>  </u> 1620 | <u>  </u> 99   |
| Selenium    | <u>  </u> 6010B <u>  </u> 7740 <sup>5</sup>               | <u>  </u> 200.7 <u>  </u> 270.2                           | <u>  </u> 3113B |                | <u>  </u> 99   |
| Silicon     | <u>  </u> 6010B <sup>1</sup>                              | <u>  </u> 200.7   |                 | <u>  </u> 1620 | <u>  </u> 99   |
| Silica      | <u>  </u> 6010B   | <u>  </u> 200.7   |                 | <u>  </u> 1620 | <u>  </u> 99   |
| Silver      | <u>  </u> 6010B <u>  </u> 7761 <sup>5</sup>               | <u>  </u> 200.7 <u>  </u> 272.2                           |                 |                | <u>  </u> 99   |
| Sodium      | <u>  </u> 6010B <u>  </u> 7770 <sup>4</sup>               | <u>  </u> 200.7 <u>  </u> 273.1 <sup>4</sup>              |                 |                | <u>  </u> 99   |
| Strontium   | <u>  </u> 6010B   | <u>  </u> 200.7   |                 |                | <u>  </u> 99   |
| Thallium    | <u>  </u> 6010B <u>  </u> 7841 <sup>5</sup>               | <u>  </u> 200.7 <u>  </u> 279.2 <u>  </u> 200.9           |                 |                | <u>  </u> 99   |
| Tin         | <u>  </u> 6010B   | <u>  </u> 200.7   |                 |                | <u>  </u> 99   |
| Titanium    | <u>  </u> 6010B   | <u>  </u> 200.7   |                 |                | <u>  </u> 99   |
| Uranium     | <u>  </u> 6010B <sup>1</sup>                              | <u>  </u> 200.7 <sup>1</sup>                              |                 | <u>  </u> 1620 | <u>  </u> 99   |
| Vanadium    | <u>  </u> 6010B   | <u>  </u> 200.7   |                 |                | <u>  </u> 99   |
| Zinc        | <u>  </u> 6010B   | <u>  </u> 200.7   |                 |                | <u>  </u> 99   |
| Zirconium   | <u>  </u> 6010B <sup>1</sup>                              | <u>  </u> 200.7 <sup>1</sup>                              |                 | <u>  </u> 1620 | <u>  </u> 99   |

Other: \_\_\_\_\_

Method: \_\_\_\_\_

# METHOD REFERENCES AND DATA QUALIFIERS

## DATA QUALIFIERS

U = Indicates that the parameter was not detected at or above the reported limit. The associated numerical value is the sample detection limit.

\* = Indicates that the original sample result is greater than 4x the spike amount added.

## ABBREVIATIONS

MB = Method or Preparation Blank.

MS = Matrix Spike.

MSD = Matrix Spike Duplicate.

REP = Sample Replicate

LCS = Laboratory Control Sample.

NC = Not calculated.

## ANALYTICAL METAL METHODS

1. Not included in the method element list.
2. Modified Hg: Hg1 and Hg2 require less total volume of digestate due to the autosampler analysis. Sample volumes and reagents for mercury determinations in water and soil have been proportionately scaled down to adapt to this semi-automated technique. The sample volume used for water analysis is 33 mL. For soils, 0.1 grams of sample is taken to a final volume of 50 mL (including all reagents).
3. Modified Hg: Hg1 and Hg2 require less total volume of digestate due to the autosampler analysis. Sample volumes and reagents for mercury determinations in water and soil have been proportionately scaled down to adapt to this semi-automated technique. The sample volume used for water analysis is 33 mL. For soils, three 0.1 gram of sample is taken to a final volume of 50 mL (including all reagents).
4. Flame AA.
5. Graphite Furnace AA.

## RECRA

## Sample Discrepancy Report (SDR)

SDR #: 00PM138

Initiator: Orlaffe Johnson Batch: 0008L080 Parameter: \_\_\_\_\_  
Date: 10/25/00 Samples: all Matrix: SDI  
Client: Tha Hanford Method: SW846/MCAWW/CLP/ Prep Batch: \_\_\_\_\_  
H0943

## 1. Reason for SDR

a. COC Discrepancy ☐ Tech Profile Error ☐ Client Request ☐ Sampler Error on C-O-C  
☐ Transcription Error ☐ Wrong Test Code ☐ Other \_\_\_\_\_

## b. General Discrepancy

☐ Missing Sample/Extract ☐ Container Broken ☐ Wrong Sample Pulled ☐ Label ID's Illegible  
☐ Hold Time Exceeded ☐ Insufficient Sample ☐ Preservation Wrong ☐ Received Past Hold  
☐ Improper Bottle Type ☐ Not Amenable to Analysis

Note: Verified by [Log-In] or [Prep Group] (circle)...signature/date: \_\_\_\_\_

## c. QC Problem (Include all relevant specific results; attach data if necessary)

## 2. Known or Probable Causes(s) (To be used for trend analysis)

☐ Lack of Organization ☐ Other (Please explain): \_\_\_\_\_  
☐ Lack of Training  
☐ Lack of Discipline  
☐ Lack of Resources  
☐ Lack of Time  
☐ Lack of Management Support

## 3. Discussion and Proposed Action

Other Description:

☐ Re-log  
☒ Entire Batch  
☐ Following Samples: \_\_\_\_\_  
☐ Re-leach  
☐ Re-extract  
☐ Re-digest  
☐ Revise EDD  
☐ Change Test Code to \_\_\_\_\_  
☐ Place On/Take Off Hold (circle)

for Trace ICP As, 7 day TAT  
per client request

Note on COC:  
Trace ICP

4. Project Manager Instructions...signature/date: Orlaffe Johnson 10/26/00

☒ Concur with Proposed Action  
☐ Disagree with Proposed Action; See Instruction  
☒ Include in Case Narrative  
☐ Client Contacted:  
Date/Person \_\_\_\_\_  
☐ Add  
☐ Cancel

5. Final Action...signature/date: Thompson 10/31/00

Other Explanation:

☐ Verified re-[log][leach][extract][digest][analysis] (circle)  
☐ Included in Case Narrative  
☒ Hard Copy COC Revised  
☒ Electronic COC Revised  
☐ EDD Corrections Completed

Relogged to 0010L089

When Final Action has been recorded, forward original to QA for distribution and filing.

## Route/Distribution of SDR

☐ Initiator  
☐ Lab Manager: M. Taylor  
☐ Project Mgr: Stone/Carey/Johnson  
☐ Section Mgr: Wesson/Daniels  
☒ QA (file): Schrenkel  
☒ Data Management: Feldman  
☐ Sample Prep: Bickel/Kauffman

## Route Distribution of Completed SDR

☐ Metals: Doughty  
☐ Inorganic: Perrone  
☐ GC/LC: Pastor  
☐ MS: Layman/Rycklak  
☒ Log-in: Keppel  
☐ Admin: Soes  
☒ Other: Jeff Welsh

Recra LabNet - Lionville

INORGANICS DATA SUMMARY REPORT 11/20/00

CLIENT: TNUHANFORD B99-042 H0943

RECRA LOT #: 0010L089

WORK ORDER: 10985-001-001-9999-00

| SAMPLE | SITE ID | ANALYTE        | RESULT | UNITS | REPORTING<br>LIMIT | DILUTION<br>FACTOR |
|--------|---------|----------------|--------|-------|--------------------|--------------------|
| =====  | =====   | =====          | =====  | ===== | =====              | =====              |
| -001   | BOYWX1  | Arsenic, Total | 2.9    | MG/KG | 0.32               | 1.0                |
| -002   | BOYWX2  | Arsenic, Total | 0.33 u | MG/KG | 0.33               | 1.0                |
| -003   | BOYWW8  | Arsenic, Total | 2.9    | MG/KG | 0.32               | 1.0                |
| -004   | BOYWW9  | Arsenic, Total | 3.9    | MG/KG | 0.32               | 1.0                |
| -005   | BOYWX0  | Arsenic, Total | 3.4    | MG/KG | 0.32               | 1.0                |

Recra LabNet - Lionville

INORGANICS METHOD BLANK DATA SUMMARY PAGE 11/20/00

CLIENT: TNUHANFORD B99-042 H0943

RECRA LOT #: 0010L089

WORK ORDER: 10985-001-001-9999-00

| SAMPLE | SITE ID     | ANALYTE        | RESULT | UNITS | REPORTING<br>LIMIT | DILUTION<br>FACTOR |
|--------|-------------|----------------|--------|-------|--------------------|--------------------|
| BLANK1 | 99L1711-MB1 | Arsenic, Total | 0.34 u | MG/KG | 0.34               | 1.0                |



Recra LabNet - Lionville

INORGANICS ACCURACY REPORT 11/20/00

CLIENT: TNUHANFORD B99-042 H0943

RECRA LOT #: 0010L089

WORK ORDER: 10985-001-001-9999-00

| SAMPLE | SITE ID | ANALYTE        | SPIKED<br>SAMPLE | INITIAL<br>RESULT | SPIKED<br>AMOUNT | %RECOV | DILUTION<br>FACTOR (SPK) |
|--------|---------|----------------|------------------|-------------------|------------------|--------|--------------------------|
| -----  | -----   | -----          | -----            | -----             | -----            | -----  | -----                    |
| -001   | BOYWX1  | Arsenic, Total | 184              | 2.9               | 188              | 96.8   | 1.0                      |

Recra LabNet - Lionville

INORGANICS PRECISION REPORT 11/20/00

CLIENT: TNUHANFORD B99-042 H0943

RECRA LOT #: 0010L089

WORK ORDER: 10985-001-001-9999-00

| SAMPLE  | SITE ID | ANALYTE        | INITIAL<br>RESULT | REPLICATE | RPD   | DILUTION<br>FACTOR (REP) |
|---------|---------|----------------|-------------------|-----------|-------|--------------------------|
| -----   | -----   | -----          | -----             | -----     | ----- | -----                    |
| -001REP | BOYWX1  | Arsenic, Total | 2.9               | 2.8       | 3.5   | 1.0                      |

Recra LabNet - Lionville

INORGANICS LABORATORY CONTROL STANDARDS REPORT 11/20/00

CLIENT: TNUHANFORD B99-042 H0943  
WORK ORDER: 10985-001-001-9999-00

RECRA LOT #: 0010L089

| SAMPLE | SITE ID     | ANALYTE      | SPIKED<br>SAMPLE | SPIKED<br>AMOUNT | UNITS | %RECOV |
|--------|-------------|--------------|------------------|------------------|-------|--------|
| -----  | -----       | -----        | -----            | -----            | ----- | -----  |
| LCS1   | 99L1711-LC1 | Arsenic, LCS | 957              | 1000             | MG/KG | 95.7   |

0010L089

## Custody Transfer Record/Lab Work Request Page 1 of 1

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS



|  |  |  |  |                      |  |                       |  |                      |  |        |          |                |  |                |  |  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|----------------------|--|-----------------------|--|----------------------|--|--------|----------|----------------|--|----------------|--|--|--|--|--|--|--|--|--|--|--|
| Client <u>TNU-Hanford 899-042</u>                  |  |  |  | Refrigerator #       |  |                       |  |                      |  |        |          |                |  |                |  |  |  |  |  |  |  |  |  |  |  |
| Est. Final Proj. Sampling Date                     |  |  |  | #/Type Container     |  | Liquid                |  |                      |  |        |          |                |  |                |  |  |  |  |  |  |  |  |  |  |  |
| Project # <u>10985-001-001-9999-00</u>             |  |  |  |                      |  | Solid                 |  |                      |  |        |          |                |  |                |  |  |  |  |  |  |  |  |  |  |  |
| Project Contact/Phone #                            |  |  |  | Volume               |  | Liquid                |  |                      |  |        |          |                |  |                |  |  |  |  |  |  |  |  |  |  |  |
| RECRA Project Manager <u>01</u>                    |  |  |  |                      |  | Solid                 |  |                      |  |        |          |                |  |                |  |  |  |  |  |  |  |  |  |  |  |
| QC <u>Spec</u> Del <u>Std</u> TAT <u>7 day</u>     |  |  |  | Preservatives        |  |                       |  |                      |  |        |          |                |  |                |  |  |  |  |  |  |  |  |  |  |  |
| Date Rec'd <u>10-31-00</u> Date Due <u>11-7-00</u> |  |  |  | ANALYSES REQUESTED → |  | ORGANIC               |  |                      |  |        | INORG    |                |  |                |  |  |  |  |  |  |  |  |  |  |  |
| Account #  |  |  |  |                      |  | VOA BNA Pest/PCB Herb |  |                      |  |        | Metal CN |                |  |                |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |                      |  | RECRA LabNet Use Only |  |                      |  |        |          |                |  |                |  |  |  |  |  |  |  |  |  |  |  |
| MATRIX CODES:                                      |  |  |  | Lab ID               |  | Client ID/Description |  | Matrix QC Chosen (✓) |  | Matrix |          | Date Collected |  | Time Collected |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |                      |  |                       |  | MS MSD               |  |        |          |                |  |                |  |  |  |  |  |  |  |  |  |  |  |
| S - Soil   |  |  |  | 001                  |  | Boylux 1              |  |                      |  | S      |          | 8-100          |  | 1045           |  |  |  |  |  |  |  |  |  |  |  |
| SE - Sediment                                      |  |  |  | 002                  |  | X2                    |  |                      |  |        |          |                |  | 1000           |  |  |  |  |  |  |  |  |  |  |  |
| SO - Solid   |  |  |  | 003                  |  | W8                    |  |                      |  |        |          |                |  | 1045           |  |  |  |  |  |  |  |  |  |  |  |
| SL - Sludge  |  |  |  | 004                  |  | W9                    |  |                      |  |        |          |                |  | 1020           |  |  |  |  |  |  |  |  |  |  |  |
| W - Water  |  |  |  | 005                  |  | X0                    |  |                      |  |        |          |                |  | 1035           |  |  |  |  |  |  |  |  |  |  |  |
| O - Oil  |  |  |  |                      |  |                       |  |                      |  |        |          |                |  |                |  |  |  |  |  |  |  |  |  |  |  |
| A - Air  |  |  |  |                      |  |                       |  |                      |  |        |          |                |  |                |  |  |  |  |  |  |  |  |  |  |  |
| DS - Drum Solids                                   |  |  |  |                      |  |                       |  |                      |  |        |          |                |  |                |  |  |  |  |  |  |  |  |  |  |  |
| DL - Drum Liquids                                  |  |  |  |                      |  |                       |  |                      |  |        |          |                |  |                |  |  |  |  |  |  |  |  |  |  |  |
| L - EP/TCLP Leachate                               |  |  |  |                      |  |                       |  |                      |  |        |          |                |  |                |  |  |  |  |  |  |  |  |  |  |  |
| WI - Wipe  |  |  |  |                      |  |                       |  |                      |  |        |          |                |  |                |  |  |  |  |  |  |  |  |  |  |  |
| X - Other  |  |  |  |                      |  |                       |  |                      |  |        |          |                |  |                |  |  |  |  |  |  |  |  |  |  |  |
| F - Fish   |  |  |  |                      |  |                       |  |                      |  |        |          |                |  |                |  |  |  |  |  |  |  |  |  |  |  |

Special Instructions: Saf 899-042

## DATE/REVISIONS:

1. Delays of 0008L089 per SDR 00PM138

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

## RECRA LabNet Use Only

Samples were:

1) Shipped \_\_\_\_\_ or

Hand Delivered \_\_\_\_\_

Airbill # \_\_\_\_\_

2) Ambient or Chilled

3) Received in Good Condition Y or N

4) Labels Indicate Properly Preserved Y or N

5) Received Within Holding Time Y or N

COC Tape was:

1) Present on Outer Package Y or N

2) Unbroken on Outer Package Y or N

3) Present on Sample Y or N

4) Unbroken on Sample Y or N

COC/Record Present Upon Sample Rec'd Y or N

Cooler Temp. \_\_\_\_\_ °C

| Relinquished by | Received by    | Date          | Time     |
|-----------------|----------------|---------------|----------|
| <u>Belog</u>    | <u>TKoppel</u> | <u>103100</u> | <u>-</u> |

| Relinquished by        | Received by               | Date | Time |
|------------------------|---------------------------|------|------|
| <u>COMPOSITE WASTE</u> | <u>ORIGINAL REWRITTEN</u> |      |      |

Discrepancies Between Samples Labels and COC Record? Y or N

NOTES: